

MISR_VIEW 4.2

- Developed at Jet Propulsion Laboratory by C. Thompson and J. Hall
- Allows access/manipulation/visualization of all MISR data products in HDF-EOS “grid” format
- Written in IDL; tested with versions 5.4, 5.5, 5.6
- Compatible in UNIX and Windows environments
- Compatible with IDL-RT
- Available at:
http://eosweb.larc.nasa.gov/PRODOCS/misr/misr_view.html
- Software includes HTML user's guide

MISR HDF-EOS Grid Products

- Georectified Radiance Product (GRP)
 - Ellipsoid- and terrain-projected R/G/B/NIR 14-bit radiance data
 - 275m and 1100m resolutions
- Ancillary Geographic Product (AGP)
 - Contains latitude/longitude/elevation grids at 1100m resolution
 - Required by `misr_view` for certain functionality (window linking, reprojections)
- Other products include solar/camera azimuth/zenith angles, aerosol, and top-of-cloud data

Using MISR_VIEW

- Place all software in single directory
- Make sure directory containing software is current directory
- Have catalog ready, if necessary
- Keep track of path/orbit information if using a catalog containing data from more than one path/orbit
- Catalog is simply an ASCII file listing - fully qualified file names
 - no spaces in directory names (e.g., “C:\My Data\Filename”)
 - file names can be listed in any order